

# Comparisons of Job Characteristics

**Focus Occupation:** [Electrical and Electronic Equipment Assemblers \(51-2022\)](#)

**Associated Occupation:** [Electromechanical Equipment Assemblers \(51-2023\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 76

**Focus Occupation:** Electrical and Electronic Equipment Assemblers (51-2022)

**Associated Occupation:** Electromechanical Equipment Assemblers (51-2023)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Mechanical	6.8	13.4	5.5	<<	Extensive education and/or training may be required
Production and Processing	6.0	12.0	8.4	<<	Extensive education and/or training may be required
Engineering and Technology	5.7	10.3	2.8	<<	Extensive education and/or training may be required
Design	5.2	7.8	2.9	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 60

**Focus Occupation:** Electrical and Electronic Equipment Assemblers (51-2022)

**Associated Occupation:** Electromechanical Equipment Assemblers (51-2023)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Quality Control Analysis	5.9	9.8	6.4	<<	Extensive development of skills in this area may be required
Troubleshooting	4.5	8.8	3.8	<<	Extensive development of skills in this area may be required
Operation Monitoring	6.6	8.7	9.4	0	Current skill level may be sufficient
Equipment Maintenance	3.5	7.2	2.5	<<	Extensive development of skills in this area may be required
Repairing	3.4	6.6	3.3	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 96			
Focus Occupation: Electrical and Electronic Equipment Assemblers (51-2022) Associated Occupation: Electromechanical Equipment Assemblers (51-2023)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Finger Dexterity	7.6	11.9	12.2	0	Current ability level may be sufficient
Manual Dexterity	6.5	11.2	11.9	0	Current ability level may be sufficient
Arm-Hand Steadiness	6.8	10.1	12.2	>	Current ability level is likely sufficient
Control Precision	6.6	9.5	9.8	0	Current ability level may be sufficient
Visualization	7.5	9.1	11.5	>	Current ability level is likely sufficient
Hearing Sensitivity	5.6	7.1	6.0	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 99
Focus Occupation: Electrical and Electronic Equipment Assemblers (51-2022) Associated Occupation: Electromechanical Equipment Assemblers (51-2023)		
Work Activities	Exclusivity of Activity	
Attach or mark identification onto products or containers	54	
Examine products or work to verify conformance to specifications	15	
Fabricate, assemble, or disassemble manufactured products by hand	11	
Make independent judgment in assembly procedures	64	
Modify electrical or electronic equipment or products	74	
Package goods for shipment or storage	62	
Perform safety inspections in manufacturing or industrial setting	33	
Precision assemble electronic, electrical, or electromechanical equipment	95	
Read blueprints	10	
Read manufacturing outlines for electronic products	84	
Read schematics	34	
Read work order, instructions, formulas, or processing charts	9	
Solder electrical or electronic connections or components	55	
Test manufactured products or materials	64	
Use electrical or electronic test devices or equipment	40	
Use hand or power tools	2	
Use precision measuring tools or equipment	17	
Use soldering equipment	44	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: n/a

**Focus Occupation: Electrical and Electronic Equipment Assemblers (51-2022)**

**Associated Occupation: Electromechanical Equipment Assemblers (51-2023)**

### Tools and Technologies

### Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.